

**DEPARTMENT OF VETERANS AFFAIRS
VETERANS HEALTH ADMINISTRATION
OFFICE OF INFORMATION**

CPRS-REENGINEERING

VHA redefined the CPRS-Reengineering (CPRS-R) project to focus on the need to bring CPRS into new technologies and minimize the risks involved with meeting HealthVet-VistA commitments. Based on the new definition, VHA subdivided the CPRS-R project into a CPRS-Re-hosting phase and four CPRS Re-engineering phases.

What to expect from the Re-hosting phase

The Re-hosting phase began in February 2004 and is targeted for completion in July 2005. In this phase, the CPRS-R team will re-host the existing M/Delphi-based CPRS GUI application in a Java/J2EE-based technology framework, migrate existing functionality and lay the foundation for the new reengineered system.

For the July 2005 release of the re-hosted CPRS, the Remote Data View (RDV+) application will provide the mechanism by which users can view patient data from the Health Data Repository (HDR). Additionally, the re-hosted CPRS will interface with Pharmacy systems to perform drug-drug interaction order checks on data in the HDR. Department of Defense (DoD) data will also be available for these drug-drug order checks.

The success of the CPRS Re-hosting phase hinges on two critical code freeze dates:

- May 20, 2004—freeze CPRS development
- December 15, 2004—freeze Re-hosting development (field-testing begins January 15, 2005)

The December 15th date must not change: changing this date will increase the risk of not meeting the targeted July 2005 completion date.

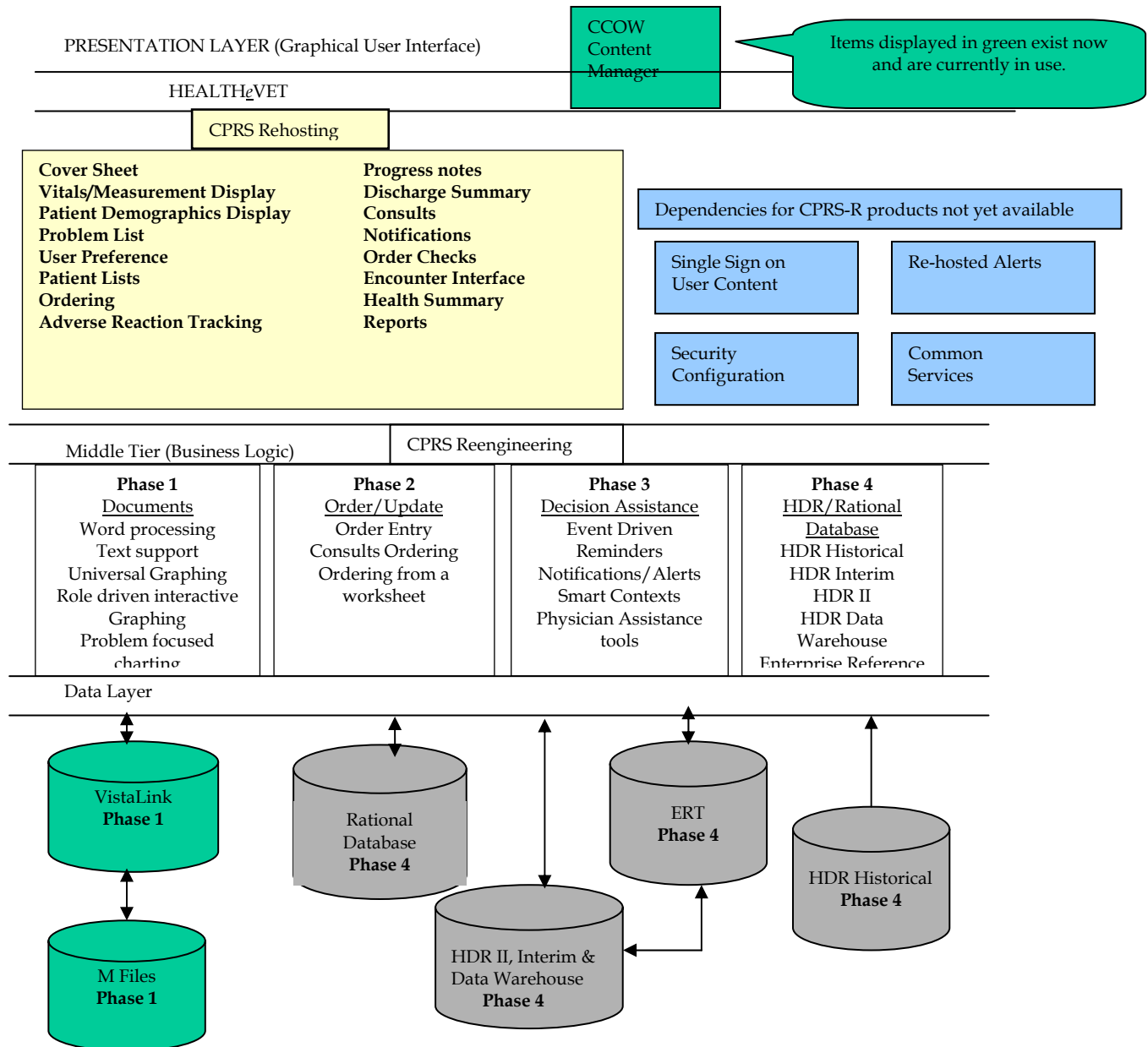
What to expect from the four phases of CPRS-Reengineering:

	<u>Planned Start Date</u>	<u>Planned Finish Date</u>
Phase 1 Document Re-architecting – CPRS team will re-architect CPRS documents to include new functionality such as role driven interactive worksheets, problem-focused charting and additional document types; and redesign/enhance selected elements of the existing CPRS system.	February 2005	March 2006
Phase 2 Order/Update Re-architecting – CPRS team will re-architect the update functions of the existing CPRS system including entry, consults and ordering from within worksheets	January 2006	February 2007
Phase 3 Decision Assistance Re-architecting – CPRS team will re-architect the decision-assistance portions of CPRS -- reminders, notifications, alerts, smart contexts, and physician assistance tools. The new system will be event driven and will preprocess findings	August 2006	September 2007
Phase 4 HDR/Relational Database Integration - CPRS team will integrate CPRS-R with HDR using a relational database model for reference/operation data.	June 2007	June 2008

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To detect potential risks, the CPRS-R team will closely monitor the assumptions upon which the schedule is based during the entire project lifecycle. Established milestone reviews will evaluate project activity and provide direction for key decisions.

The following diagram represents a view of the CPRS functionality and how it correlates with the high-level system design. Each phase of this project will add new functionality and build upon the foundation of previous phases of the project.



For more information about the CPRS-R project and for information on the future direction of the CPRS-R team, visit the [CPRS Reengineering Homepage](http://vaww.vista.med.va.gov/cprs-r) at <http://vaww.vista.med.va.gov/cprs-r>